

How do I?

An occasional series

This week: UPDATE: FLRIG with N3FJP

A few weeks ago we wrote about rig control with FLRIG. At that time we said that you cannot have rig control turned on with the N3FJP logging software and use FLRIG with WSJT-X or *Fldigi* at the same time.

Turns out we were wrong. You can.

How do you make the magic happen?

Set up FLRIG. Select the configuration menu and select your rig and comm port. On my system the port is COM9.

Set up WSJT-X and/or *Fldigi* to use FLRIG as the radio input.

Set up N3FJP with rig control activated. Use the same settings as in FLRIG.

Make sure that JTAAlert and/or *Fldigi* are set up to log directly to your N3FJP software as well.

When ready to play radio:

Start FLRIG

it will show an initializing screen. A green bar should run from left to right. When done the rig control screen should open and the frequency should be the same as displayed on your transceiver.

Then start the N3FJP software. You will get a warning it cannot access COM9. Just click to ignore. The logging screen should autofill the band, mode and frequency for you. You can immediately minimize the N3FJP screen so that it doesn't fill your screen.

Then start WSJT-X (or *Fldigi*; but not both) it should display the same frequency as the radio. If not wait a few seconds then start trouble shooting. Most likely FLRIG stopped and just needs restarted.

Then if using it start **JTAlert**.

For this example we will use WSJT-X.

Make your WSJT-X mode (FT8) QSO as usual. When you click on the call sign it will plug it into the logging data box in JTAlert **AND** it will plug the call into the log data box in N3FJP. The mode may be wrong in N3FJP, just ignore it. When the QSO is finished, click the log it button in WSJT-X. After a few seconds a smaller box will open. It should say successfully logged. If something went wrong, it will display a warning. If you get the warning do not panic. The QSO is in the WSJT-X log file but was not saved via JTAlert to N3FJP.

If you see it was successfully logged, you can maximize the N3FJP screen and view the QSO in your log. JTAlert will correct the mode and autofill the power and signal reports.

If the QSO was not successfully logged, start with going into the JTAlert configure logging menu and select N3FJP. Make sure the port is correct. N3FJP in the settings TCPIP screen tells you which port to use. They need to match.

If you simply want to play radio without using the WSJT-X or *Fldigi* software but still want to log with N3FJP, simply start N3FJP only. Do not start FLRIG. N3FJP will automatically capture the mode, band, and frequency and autofill your log.

If FLRIG fails to initialize the radio at start up; begin by making sure that N3FJP is not already open. If it is, close it. FLRIG must start first, then N3FJP, then WSJT-X or *Fldigi*. JTAlert must be last.

Catch ya on the air!